

Glossary

1SG first sergeant

AAR after-action review; after-action report

AC active component

accident risk All operational risk considerations other than tactical risks. Includes risk to friendly forces, risk posed to civilians by an operation, as well as the impact of operations on the environment.

ACCP Army Correspondence Course Program

ACHP Advisory Council on Historic Preservation

AE Army Europe

AETMP Army Environmental Training Master Plan

AFB assault float bridge

AFI Air Force Instruction

AIRFA American Indian Religious Freedom Act

ALMC Army Logistics Management College

AO area of operations

AOAP Army Oil Analysis Program

AOR area of responsibility

APO Army post office

APOD aerial point of departure

AR Army regulation

ARPA Archeological Resources Preservation Act

ARTEP Army Training and Evaluation Program

asbestos A group of natural minerals that tend to separate into strong, heat-resistant fibers. Used as an insulator, it is a suspected carcinogen.

ASG Area Support Group

attn attention

autoignition temperature Temperature at which a chemical can spontaneously ignite.

BASOPS base operations

BCAT base camp assistance/assessment team

BCCA base camp coordination agency

BESC Basic Environmental Staff Course

BII basic issue inventory

bn battalion

boiling point The temperature at which a compound will go from the liquid state to the vapor state.

BRAC base realignment and closure

BSB Base Support Battalion

C² command and control

CAA Clean Air Act

CALL Center for Army Lessons Learned

CAO customer assistance office

CARC chemical agent resistant coating

carcinogen A substance known to cause or help the growth of cancerous cells.

CAS (chemical abstract service number) A unique number given to a chemical compound when it has been thoroughly identified. Information can be tracked by that number even when a different trade name or synonym is given for the chemical.

CBR chemical, biological, and radiological

CCIR commander's critical information requirements

CD compact disc

cdr's commander's

CEIHOT Center for Environmental Initiatives and Hands On Training

ceiling The maximum concentration that is allowed for any exposure. Area must be vacated at once if this level is reached.

CESOS Civil Engineer Corps Officer School

CESP civil engineering support plan

CETEP comprehensive environmental training and education program

CEQ council on environmental quality

CERCLA Comprehensive Environmental Response, Compensation and Liability Act; regulates clean up of HW sites. Also known as "Superfund." Amended by SARA of 1986.

CERL US Army Construction Engineering Laboratories

CFC Chlorofluorocarbons; a family of fully halogenated hydrocarbons containing fluorine and chlorine. These substances are environmentally harmful because they deplete the earth's stratospheric ozone layer.

CFR Code of Federal Regulations

characteristics of HW Physical/chemical properties of an HW. The EPA has defined four characteristics that can be determined by tests:

1. Ignitability: the ability to catch fire.
2. Corrosivity: the ability to corrode other materials.
3. Reactivity: the ability to enter into a violent chemical reaction, which may involve explosions or fumes.
4. Toxicity: the ability to release certain toxic constituents when leaded with mild acid.

chemical A substance that is produced by or used in a chemical process.

Chemical agent resistant coding

chlorine A chemical used in water purification for removal of bacteria.

CINC commander in chief; commander of a combatant command.

civil action A lawsuit filed in court against a person who has either failed to comply with statutory or regulatory requirements or an administrative order, or has contributed to a release of hazardous wastes or constituents. There are four types of civil actions: compliance, corrective, monitoring and analysis, and imminent hazard.

CJTF commander, joint task force

CO commanding officer

COA course of action

CofS Chief of Staff

Commander's Guide to Environmental Management This reference provides commanders with basic information concerning their responsibilities in managing the Army's environmental program at the installation or activity level. It is intended as a primer on the environmental program. The guide is currently published by USAEC; it will be converted to an official Army publication.

compliance The Army's expectation that soldiers obey local, state, federal and HN environmental requirements.

conexes container express

CONPLAN contingency plan

conservation The act of conserving and preserving natural and cultural resources so they will be available for present and future generations.

CONUS continental United States; from an environmental standpoint, CONUS refers to any land over which the EPA has jurisdiction. Included are Alaska, Hawaii, Puerto Rico, Guam and the Virgin Islands.

convoy A group of vehicles organized for the purpose of control and orderly movement with or without escort protection.

coolants Substances used to reduce the temperature of systems.

CPG Commandant's Planning Guidance

CREST corps real estate support team

criminal action A prosecutorial action taken by the US Government or a state towards any person(s) who has knowingly and willfully not complied with the law. Such an action can result in the imposition of fines or imprisonment.

critical habitat A designated area declared essential for the survival of a protected species under authority of the ESA.

CRMP Cultural Resources Management Plan

crossing site(s) The location along a water obstacle where the crossing can be made using amphibious vehicles, assault boats, rafts, bridges, or fording vehicles.

CRREL US Army Cold Regions Research Engineering Laboratory

CS The riot control chemical agent called chlorobenzalmalononitrile (tear gas).

CWA Clean Water Act

CZ combat zone

DA Department of the Army

DC District of Columbia

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DCSBOS Deputy Chief of Staff for Base Operations and Support

DD defense document (generally used with form numbers: DD Form 1348-1)

DENIX Defense Environmental Network and Information Exchange

DEQ Directorate of Environmental Quality. This is another name for the EMO when it is not under the DPW.

DERA Defense Environmental Restoration Account

DERP Defense Environmental Restoration Program

detergents Synthetic water soluble cleaning agents that act like soap.

discharge Includes, but is not limited to, the accidental or intentional spilling, leaking, pumping, emitting, emptying, or dumping of a substance on any land or into water.

disposal The discharge, deposit, dumping, spilling, leaking, or placing of any solid waste or HW into or on any land or water.

div division

DIV division

DLA Defense Logistics Agency

DNBI disease and non-battle injury

DOD Department of Defense

DODD Department of Defense Directive

DODI Department of Defense Instruction

DOL Directorate of Logistics

DOT Department of Transportation

DPTM Directorate of Plans, Training, and Mobilization

DPW Directorate of Public Works

DRMO Defense Reutilization and Marketing Office

DS2 Decontaminant solution 2; incompatible with most metals, DS2 is procured exclusively by DOD to decontaminate machinery after a chemical weapons attack. DS2 is not authorized for training due to the hazards it presents to humans who are exposed to it. It can cause severe burns, stricture of the esophagus, and damage to the central nervous system, liver, and reproductive system.

DSN Defense System Telecommunications Network

DTG date-time group

DTLOMS doctrine, training, leader development, organizational design, material development, soldier support

EA Environmental assessment; required by NEPA; a study to determine if significant environmental impacts are expected from a proposed action.

EARC US Army Environmental Awareness Resource Center

EBS environmental baseline survey

EC environmental coordinator

ECAS Environmental Compliance Assessment System; this system involves the use of the environmental compliance assessment. Also referred to as an environmental audit or environmental program review, it involves an examination of an installation's environmental program to identify possible compliance deficiencies. It also includes designing corrective action plans and implementing fixes for identified deficiencies.

ECE environmental compliance evaluation

ECO environmental compliance officer

ECR environmental conditions report

ECRB environmental compliance review board

ecology The science concerned with the relationship between organisms and their environment and the interrelationships and interdependence of these organisms; that is, the study of living things in relation to the environment and to each other.

ecosystem A system formed by the interaction of a community of organisms with its environment.

EEA environmental executive agent

EIRB environmental impact review board

EIS Environmental impact statement; a document prepared by EPA or under EPA guidance, which identifies and analyzes in detail the environmental impacts of a proposed action.

ELOW environmental laws of war

EMO environmental management office

ENCOM engineer command

ENCOORD engineer coordinator

endangered species Those species designated by the Secretary of the Interior which are in danger of extinction throughout all or a significant portion of their range.

ENMOD environmental modification

ENRD Environmental and Natural Resources Division

evaporation rate How rapidly compound evaporates based on a reference compound. The higher the number the faster the material will evaporate.

environmental audit A compliance review of facility operations, practices, and records to assess and verify compliance with federal, state, and local environmental laws and regulations.

environmental ethic Taking care of the environment because it is the right thing to do. This ethic is the operating principle and value that governs individual soldiers, units, and the Army.

environmental noise The outdoor noise environment consisting of all noise (including ambient noise) from all sources that extend beyond, but do not include, the workplace.

environmental planning Efforts that consider the impact of operation, training, exercises, or weapon system introduction on the environment, and where necessary, allow decision makers to take early action to eliminate or mitigate those impacts. Additionally, environmental planning may require consultation or submission of documentation to demonstrate that environmental considerations have been taken.

environmental pollution The condition resulting from the presence of chemical, mineral, radioactive, or biological substances that alter the natural environment or that adversely affect human health or the quality of life, biosystems, the environment, structures and equipment, recreational opportunities, aesthetics, or natural beauty.

environmental reconnaissance The systematic observation and recording of site or area data collected by visual or physical means, dealing specifically with environmental conditions as they exist, and identifying areas that are environmentally sensitive or of relative environmental concern, for information and decision-making purposes.

environmental stewardship The care and management of the property of another, the environment. Army objective is to plan, initiate, and carry out its actions and programs in a manner that minimizes adverse effects on the environment without impairing the mission.

EO executive order

EOD explosive ordnance disposal

EPA Environmental Protection Agency; established in 1970, the EPA is charged with protecting and enhancing the environment today and for future generations to the fullest extent possible.

EPCRA Emergency Planning and Community Right-to-Know Act

EQCC Environmental Quality Control Committee

ER environmental report

ES environmental statement

ESA Endangered Species Act

FEDLOG federal logistics

FFCA Federal Facilities Compliance Act

FGS final governing standards

FIFO first-in-first-out

FIFRA Federal Insecticide, Fungicide, and Rodenticide Act

flash point Temperature at which there is enough vapor of a chemical to ignite if a spark is present.

FM field manual

FMO facilities management office

FOIA Freedom of Information Act

FONSI finding of no significant impact

force health protection All services performed, provided, or arranged by the Services to promote, improve, conserve, or restore the mental or physical well being of personnel. These services include, but are not limited to, the management of health services resources such as manpower, monies, and facilities; preventive and curative health measure; evacuation of the wounded, injured, or sick; selection of the medically fit and disposition of the medically unfit; blood management; medical supply, equipment, and maintenance thereof; combat stress control; and medical, dental, veterinary, laboratory, optometry, medical food, and medical intelligence services.

force protection Actions taken to prevent or mitigate hostile actions against Department of Defense personnel (to include family members), resources, facilities, and critical information. These actions conserve the force's fighting potential so it can be applied at the decisive time and place. It coordinates and synchronizes offensive and defensive measures to enable the effective employment of the force while degrading opportunities for the enemy. Force protection does not include actions to defeat the enemy or protect against accidents, weather, or disease.

FRAGO fragmentary order

freezing point The temperature at which a compound will change from a liquid to a solid.

FSOP field standing operating procedures

FTX field training exercise

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FUDS formerly used defense sites

FY fiscal year

G1 Assistant Chief of Staff, Personnel, General Staff

G2 Assistant Chief of Staff, Intelligence, General Staff

G3 Assistant Chief of Staff, Operations, General Staff

G4 Assistant Chief of Staff, Logistics, General Staff

G5 Assistant Chief of Staff, Civil Affairs, General Staff

gray water Any nontilet water (nonsewage) that is nonpotable because it was used in some way (for example, water from sinks, bathtubs, showers, or laundry operation).

groundwater A body of water, generally within the boundaries of a watershed, that exists in the internal passageways of porous geological formations (aquifers) and which flows in response to gravitational forces. Nearly half of the US population uses groundwater as its primary water source.

GSA General Services Administration

GTA graphics training aid

halons A family of fully halogenated hydrocarbons containing bromines. These substances are environmentally harmful because they deplete the earth's stratospheric ozone layer.

hazard A condition that can be expected to cause damages including injury or death to exposed individuals.

hazardous substance Under CERCLA, any element, compound, mixture, solution, or substance which, when released into the environment, on land or in water, may present an imminent and substantial danger to public health/welfare or the environment. The definition is broader than the definition of hazardous waste under RCRA.

HAZCOM Hazard communication; the responsibility of leaders and supervisors concerning possible hazards in the workplace and notification of hazards and necessary precautions to their soldiers.

HAZMIN hazardous waste minimization

health hazards Those hazards that can cause injury or illness when a person is exposed to hazardous chemicals by inhalation, ingestion, swallowing, skin contact, or eye contact.

HEMTT heavy expanded mobility tactical truck

HHC headquarters, headquarter company

historic artifacts Something created by humans usually for a practical purpose especially an object remaining from a particular period (prehistoric caves, burial sites).

HM Hazardous material; any material, including waste, that may pose an unreasonable risk to health, safety, property, or the environment, when they exist in specific quantities and forms. Chemicals that have been determined by the Secretary of Transportation to present risks to safety, health, and property during transportation.

HMCC Hazardous Material Control Center

HMTA Hazardous Materials Transportation Act

HN Host nation; a nation which receives the forces and/or supplies of Allied nations and/or North Atlantic Treaty Organization organizations to be located on, or to operate in or to transit through its territory.

HQ headquarters

HQMC Headquarters, Marine Corps

HSMS Hazardous Substance Management System

HW Hazardous waste; waste which, if improperly managed, can create a risk to the safety or health of people or to the environment. EPA considers hazardous waste a subset of both solid waste and hazardous materials. Technically, those wastes that are regulated under RCRA 40 CFR, part 261 either because they are "listed" or because they are ignitable, corrosive, reactive, or toxic.

HWAS hazardous waste accumulation site

IAW in accordance with

ICUZ Installation compatibility use zone; a land use planning procedure employed to control environmental noise.

ID identification

IET installation environmental trainer

I&L installations and logistics

IMO installation management office

incineration Disposal of waste materials through controlled burning.

INRMP Integrated Natural Resource Management Plan

IOSC Installation On-Scene Coordinator

IPB intelligence preparation of the battlefield

IPM integrated pest management

IPMP Integrated Pest Management Plan; the management of actual and potential pest problems using a combination of available preventive and corrective control measures. The biological effectiveness, environmental acceptability, and cost effectiveness of pest control measures must be considered before such measures can be approved for use on Army-controlled property.

IRP Installation restoration program; the military's program to address environmental contamination at its facilities.

IRT installation response team. Those collective persons designated to act in an emergency to perform functions directed by the installation on-scene coordinator.

ISCP Installation Spill Contingency Plan; document detailing resources and procedures for cleanup of oil and hazardous substances spills.

ISD installation supply division

ITAM integrated training area management

ITS individual training standard

JCMB joint civil-military coordination board

JEMB joint environmental management board

JIC joint information center

JMMO joint material management office

JOC joint operations center

JOPES Joint Operation Planning and Execution System

JP joint publication

JP jet petroleum

JSI joint staff instruction

JTB joint transportation board or joint targeting board

JTF joint task force

JTFCEM joint task force contingency engineering management

JRETC Joint Regional Environment Training Center

landfill An in-ground disposal site for wastes that were designed to reduce air pollution and unsightly trash that resulted from open dumping and burning. Older landfills leak contaminants into the soil and groundwater, although many new ones are built with elaborate leak prevention systems.

LCTA land condition trend analysis

LEPC local emergency planning committee

LO lubrication order

LOGCAP Logistics Civil Augmentation Program

LRAM land rehabilitation and maintenance

LRP logistics resupply point

lubricants Substances (such as grease) capable of reducing friction, heat, and wear when introduced as a film between solid surfaces.

MACOM major Army command

MAJ major

MCCDC Marine Corps Combat Development Command

MCL maximum contaminant level

MCO Marine Corps order

MCRP Marine Corps reference publication

MDMP military decision-making process

MDRD mobilization, deployment, redeployment, and demobilization

MECH mechanized

medical waste Any waste that is generated in the diagnosis, treatment, or immunization of human beings or animals.

melting point The temperature at which a compound will change from a solid to a liquid.

METL mission essential task list

METT-TC mission, enemy, terrain, troops, time available, and considerations.

MGRS military grid reference system

military environmental protection The application and integration of all aspects of natural environmental considerations, as they apply to the conduct of military operations.

MPMA Marine Mammal Protection Act

MO Missouri

MOGAS motor gas

MOMs measures of merit

monitoring The assessment of emissions and ambient air quality conditions. Monitoring techniques used are emission estimates, visible emission readings, diffusion or dispersion estimates, and sampling or measurement with analytical instruments.

MOS military occupational specialty

MP military police

MSC major subordinate command

MSDS material safety data sheet

MTP mission training plan

NAAQS national ambient air quality standards

NAGPRA Native American Graves Protection and Repatriation Act

NBC nuclear, biological, chemical

NCA Noise Control Act

NCO noncommissioned officer

NCOIC noncommissioned officer in charge

NCP National Contingency Plan

NEPA National Environmental Policy Act

NG National Guard

NHPA National Historic Preservation Act

NOV Notice of violation; formal written document provided to an installation by a regulatory agency as a result of environmental noncompliance.

NOX nitrogen oxide

NPDES National Pollutant Discharge Elimination System

NPS National Park Service

NSN national stock number

NTC national training center

NWP Naval warfare publication

OCONUS outside the continental United States

OEBCD overseas environmental baseline guidance document

OIC officer in charge

OJE Operation Joint Endeavor

OPA Oil Pollution Act

OPFOR opposing forces

OPG Operational Planning Group

OPNAVIST Operational Naval Instruction

OPLAN operation plan

OPORD operation order

OPSEC operations security

OPTEMPO operations tempo

OSD Office of the Secretary of Defense

OSHA Occupational Safety and Health Act or Occupational Safety and Health Administration

PAM pamphlet

PAO public affairs office(r)

PAH polycyclic aromatic hydrocarbon

PCB/Polychlorinated biphenyls A family of chemicals that are probable carcinogens, once widely used in electrical insulation. Banned in the US in 1979, PCB contamination has occurred on US bases where abandoned electrical transformers have leaked into the environment.

PCN product control number

penalties The legal punishment (fines, jail) for having violated a law.

pesticides A chemical or other substance used to destroy plants and animal pests.

physical hazards Those hazards that can cause explosions, fires, violent chemical reactions, or other hazardous situations.

PLL prescribed load list

PMCS preventive maintenance checks and services

PMO provost marshal office

PMP Pest Management Plan

POC point of contact

POL petroleum, oils, and lubricants

PPE personal protective equipment

PPM Parts per million; molecules of chemical per one million molecules of air.

prevention The process of reducing or eliminating pollution.

primacy A legal situation which allows the states to have environmental and worker protection standards more stringent than the federal standards.

Pub publication

QA quality assurance

QCA Quiet Communities Act

QM quartermaster

radon A colorless, odorless, radioactive by-product from the natural degradation of uranium.

RC Reserve component

RCRA Resource Conservation and Recovery Act

REC record of environmental consideration (related to NEPA)

reclamation Regeneration of a material, or processing a material to recover a usable product. Examples include the recovery of lead from spent batteries or the regeneration of spent solvents.

recovered materials Waste materials and by-products that have been recovered or diverted from solid waste, but this term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

recyclability The ability of a product or material to be recovered from, or otherwise diverted from, the solid waste stream for the purpose of recycling.

recycling The process by which recovered materials are transformed into new or usable products.

restoration The process of cleaning up contaminated sites.

risk The probability of exposure, coupled with the severity of the consequences. Risk is often used in a more general way than danger, in that risk is used to describe potential financial loss or property damage in addition to environmental damage or personal injury.

ROD record of decision

ROE rules of engagement

ROK Republic of Korea

ROWPU reverse osmosis water purification unit

S1 Personnel Staff Officer, Adjutant, Brigade and Battalion

S2 Intelligence Staff Officer, Brigade and Battalion

S3 Operations and Training Officer, Brigade and Battalion

S4 Logistics Staff Officer, Supply Officer, Brigade and Battalion

S5 Civil-Military Operations Staff Officer, Brigade and Battalion

SA Sikes Act

SARA Superfund Amendments and Reauthorization Act

SDWA Safe Drinking Water Act

SET state environmental trainer

SF standard form

SITREP situation report

SITTEMP situation template

SJA staff judge advocate

SOFA Status of Forces Agreement. An agreement on the stationing of forces to which the US is a party, such as a multilateral or bilateral stationing or base rights agreement, or an arrangement or understanding concluded thereunder.

solid waste Any material or substance (solid or liquid) which is inherently waste-like by being no longer suitable for its originally intended purpose.

solubility The quality or state of being able to dissolve in water. The amount of substance that will dissolve in a given amount of another substance.

solvents Volatile organic compounds (trichloroethylene and so forth) used as powerful cleaners, degreasers, and paint strippers. At one time solvents were widely used in the military's industrial production and maintenance operations and routinely dumped untreated into the ground.

SOP standing operating procedure

source reduction The DOD has set the goal of reducing HW generation at its sources. This reduction is to be achieved through product substitution, recycling, and inventory control, and by developing new industrial processes that use less hazardous materials, such as bead blasting rather than solvents to remove paint.

sovereign immunity A legal situation in which the sovereign (for example, federal government) cannot be held legally liable for what it does or does not do.

spill A generic term that encompasses the accidental and the deliberate but unpermitted discharge or release of a pollutant.

SPILLREP spill report

SPRP spill prevention response plan

STARC State Area Command

STB super tropical bleach

STP soldier training publication

Superfund See CERCLA.

surface water Water contained in rivers, streams, and so forth.

TACSOP tactical standing operating procedures

tactical risk The risk concerned with hazards that exist because of the presence of either the enemy or an adversary.

TAML Theater Army medical laboratory

TBP to be published

TC training circular

TEL telephone

TG trainer's guide

threatened species Those species that are likely to become endangered within the foreseeable future throughout all or a significant portion of their range.

threshold limit value (time weighted average) The recommended limit for worker exposure over an 8-hour work day.

TID turn-in document

TM technical manual

TO table of organization

TO theater of operation

toxic Capable of producing injury, illness, or damage to humans, domestic livestock, wildlife, or other organisms through ingestion, inhalation, or absorption through any body surface.

TRADOC United States Army Training and Doctrine Command

TSC Training Support Center

TSCA Toxic Substances Control Act

TSDF treatment, storage, disposal facility

TTP tactics, techniques, and procedures

UECO unit environmental compliance officer

UI unit of issue

US United States

USACE United States Army Corps of Engineers

USACHPPM United States Army Center for Health Promotion and Preventive Medicine (formerly USAEHA)

USAEC United States Army Environmental Center; provides oversight, coordination, and execution support for Army environmental programs and projects, and technical and related support. Formerly the US Army Toxic and Hazardous Materials Agency.

USAEHA United States Army Environmental Hygiene Agency (now USACHPPM)

USAES United States Army Engineer School

USAREUR United States Army Europe

USC United States Code

USE Used Solvent Elimination Program

USEPA United States Environmental Protection Agency

USFWS United States Fish and Wildlife Service

USMC United States Marine Corps

US-ROK United States – Republic of Korea

UST Underground storage tank. Below- or in-ground tank, storing oil or hazardous substances, regulated under RCRA.

UTM universal traverse mercator

UXO unexploded ordnance

VA Virginia

vapor density How heavy vapor is relative to air. Air is assigned a vapor density of 1. If the number is less than 1, the vapor from the compound will rise. If the number is greater than 1, the vapor will tend to sink to the ground.

vapor pressure Pressure of a compound in the vapor state. The higher the number the more readily the compound will evaporate. Compounds with high vapor pressures are often flammable and if contained in a sealed container may burst.

viscosity Measure of how “thick” a liquid or semi-solid material is at room temperature.

VOC volatile organic compound

waste Any discarded material.

wetlands Generally includes marshes, swaps, bogs, and similar areas. Areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support a prevalence of vegetation typically adapted for saturated soil conditions.

WO warning order

XO executive officer